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**PCR 01-025
for the**

**Memphis City Schools
Network Infrastructure Project:
New and Renovated Schools Network Enhancements**

prepared for

Memphis City Schools

January 15, 2002

IBM Global Services





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EXECUTIVE SUMMARY

The Memphis City Schools (MCS) Network Infrastructure Project provides growth and enhancements to the MCS Network to meet the technology demands of a growing district.

The objective of this change order is to provide MCS with additional cabling and network components required to expand the network in new and renovated schools.

IBM will procure and coordinate all vendor services required to install the additional network cabling and network components.

Completion of the Network Enhancement Cabling Project is planned for the period of July 1, 2002 through June 30, 2003.

1.0 Statement of Work

This section and all sections that follow in this document define the scope of service that will be provided by IBM under the terms and conditions of the *IBM Customer Agreement (Agreement)*. The tasks to be performed by IBM are defined and an estimated schedule is provided. In addition, the responsibilities of Memphis City Schools (MCS) are listed in:

“Section 4.0 MCS Responsibilities”

The investigation and the implementation of changes may result in modifications to the Estimated Schedule, Charges, and/or other terms of the *Agreement*.

Changes to this Statement of Work will be processed in accordance with the procedure described in: “Section 8.0 Project Change Control Procedure”.

2.0 Assumptions

- 2.1 Additional charges could be incurred due to specific architectural elements at some schools.
- 2.2 IBM assumes no responsibility for the detection, abatement, or removal of any asbestos materials in any effected schools. Memphis City Schools retains all responsibility for detection, abatement, or removal of any asbestos materials.

3.0 IBM Responsibilities

3.1 Installation of a Cabling Infrastructure and UPS equipment

Task Description: The objective of this task is to provide MCS with data cabling, network equipment procurement/ installation and UPS procurement/installation services in its new and renovated schools.

The following subtasks will be performed by IBM:

- 3.1.1 Provide an IBM Project Manager to serve as the interface between MCS and all IBM provided vendors and services utilized on this project.
- 3.1.2 Prepare and submit a schedule for MCS acceptance to install required cabling in all designated MCS locations.
- 3.1.3 Procure and coordinate all vendor services required to install the required cabling and designated network components in all designated MCS locations in accordance with the MCS provided specifications for each MCS location.
- 3.1.4 Procure and install APC SU3000NET UPS equipment with the AP9606 Network Feature Card in all IDF and MDF locations, as indicated in "Attachment A".
- 3.1.5 Maintain the project schedule and conduct weekly project status meetings to communicate project status to all departments and individuals involved in the project.
- 3.1.6 Document and ensure resolution of project issues related to the products and services provided by IBM.
- 3.1.7 With the MCS Project Manager, administer Project Change Control in accordance with "Section 8.0 Project Change Control Procedure".
- 3.1.8 Perform appropriate responsibilities associated with E-rate procedures and guidelines.

Completion Criteria: This task is complete for each location upon the inspection and acceptance by MCS at each location that all specified components have been provided and installed in accordance with the specifications provided by MCS.

Deliverables:

- Status Reports and all updates included therein.
- Test results for all installed cabling at each MCS location.
- A copy of all required permits for each location.
- A copy of the P. E. Certified drawings for each location, if required by Code Enforcement, will be provided by IBM and it's business partners.
- A copy of BICSI certification for each individual installing Cat 6 cabling at each location.
- Completed MCS CEDR's

4.0 MCS Responsibilities

The responsibilities listed in this section are in addition to those responsibilities specified in the *Agreement* and are to be provided at no charge to IBM. IBM's performance is predicated upon the following responsibilities being fulfilled by MCS.

4.1 MCS Project Manager

Prior to the start of this Statement of Work under the Agreement, MCS will designate a person, called the MCS Project Manager, to whom all IBM communications will be addressed and who has the authority to act for MCS in all aspects of the contract.

The responsibilities of the MCS Project Manager include:

- 4.1.1 Serve as the interface between the IBM project team and all MCS departments participating in this project.
- 4.1.2 With the IBM Project Manager, administer Project Change Control in accordance with "Section 8.0 Project Change Control Procedure."
- 4.1.3 Attend project status meetings.
- 4.1.4 Obtain and provide timely information, data, decisions and approvals.
- 4.1.5 Resolve deviations from project plans, which may be caused by MCS.
- 4.1.6 Help resolve project issues and escalate issues within the MCS organization, as necessary.
- 4.1.7 Perform appropriate responsibilities associated with E-rate procedures and guidelines.

4.2 Office Space and Other Facilities

MCS will:

- 4.2.1 Provide suitable office space, office supplies, furniture, telephone and other facilities equivalent to those provided to MCS project teams for the IBM Project Team while working on MCS premises.
- 4.2.2 Provide all necessary machine time, related services, and supplies required to support project tasks.

4.3 Specifications, Installations, Inspections and Change Control

MCS will:

- 4.3.1 Provide a list of all locations to be cabled.
- 4.3.2 Provide detailed specifications and a site plan for each location to be cabled.
- 4.3.3 Perform final inspection and upon acceptance of work performed at each location, sign a completion certificate for each location.
- 4.3.4 Provide detailed requirements for overall project specification changes should they occur and assist with the administration of "Section 8.0 Project Change Control Procedures".

5.0 Security, Laws, Regulations, and Statutes,

MCS is responsible for the actual content of any data file, selection and implementation of controls on its access and use, and security of the stored data.

MCS is responsible for the identification and interpretation of any applicable laws, regulations, and statutes that affect MCS application systems or programs which IBM will have access to during this project.

It is the responsibility of MCS to assure that the resulting systems and programs meet the requirements of those laws.

6.0 Deliverable Materials

The following items will be delivered to MCS under this Statement of Work.

Type I Materials

None

Type II Materials

- Weekly Status Report
- Test Results
- Permits
- Certified Drawings
- BICSI Certifications

7.0 Completion Criteria

IBM shall have fulfilled its obligations under this Statement of Work when any one (1) of the following first occurs:

- IBM accomplishes the IBM tasks described in "IBM Responsibilities," including delivery to MCS of the materials listed in "Deliverable Materials".
- MCS or IBM terminates the Project in accordance with the provisions of the *Agreement*.

8.0 Project Change Control Procedures

The following provides a detailed process to follow if a change to this Statement of Work (SOW) is required.

- A Project Change Request (PCR) will be the vehicle for communicating change. The PCR must describe the change, the rationale for the change and the effect the change will have on the project.
- The designated Project Manager of the requesting party will review the proposed change and determine whether to submit the request to the other party.
- Both Project Managers will review the proposed change and approve it for further investigation or reject it. The investigation will determine the effect that the implementation of the PCR will have on price, schedule and other terms and conditions of the Agreement. The investigation will determine the effect that the implementation of the PCR will have on price, schedule and other terms and conditions of the Agreement. IBM will specify any charges for such PCR. If the PCR is authorized, the Project Managers will sign the PCR, which will constitute approval for the PCR charges. IBM will invoice MCS for any such charges.

A written Change Authorization must be signed by both parties to authorize implementation of the investigated changes.

9.0 Estimated Schedule

The estimated schedule is:

Estimated Start Date: July 01, 2002

Estimated End Date: June 30, 2003

10.0 Charges

E-Rate Eligible	\$ 2,274,430.00
Non E-Rate Eligible	<u>29,880.00</u>
Total Estimated Charges	\$ 2,304,310.00

MCS will be invoiced monthly for the actual quantity of products and services provided within each monthly period.

Charges for the specific IBM products and services are listed in "Attachment A".

These invoices are payable upon receipt.

MCS will be invoiced for IBM products in accordance with the applicable *Agreement* Transaction Documents.



11.0 IBM Change Authorization for Project Support Services

Each of us agrees to modify the referenced Statement of Work and any applicable terms as follows:

The objective of this change order is to provide MCS with additional cabling and network components required to expand the network in new and renovated schools.

IBM will procure and coordinate all vendor services required to install the additional network cabling and network components.

Charges for the specific IBM products and services are listed in "Attachment A".

Estimated Total Charges: **\$ 2,304,310.00**

IBM and Memphis City Schools mutually agree that final approval of this project is subject to the approval of the Memphis City Schools Board of Education and the availability of Universal Services Funds(E-rate). If funding or approval is not committed, no products or services will be delivered and this Change Authorization is void. If partial funding is committed, the levels of products and services will be adjusted accordingly.

We agree to provide the Services described in this Project Change Request/Authorization provided you accept this Project Change Request/Authorization, without modification, by signing in the space below on or before 03/15/2002.

Each of us agrees that the complete agreement between us about these Services consists of 1) this Change Authorization, 2) the referenced Statement of Work, and 3) the IBM Customer Agreement or IBM Agreement for Services, as applicable (or any equivalent agreement signed by both of us).

Agreed to: **Memphis City Schools**

By: Nancy Richie
Authorized Signature
Name (type or print) Nancy Richie
Date: 1/16/02
Customer Number: **5683003**
Customer Address: **2597 Avery Avenue**
Memphis, TN 38112
Project Name or Identifier: **Technology Business**
Management Contract

Agreed to: **International Business Machines Corporation Armonk, New York 10504**

By: [Signature]
Authorized Signature
Name (type or print) J M STEV
Date: 1-16-02
Reference Agreement Number: **5J21301**
Reference Statement of Work number:
Change Authorization Number: **PCR 01-025**
IBM Office Number: **005**

IBM Office Address: **6410 Poplar Ave. Suite 800**
Memphis, TN 38119

William Williams
01/15/02 MCS PCR 01-025
William Williams 1/16/02

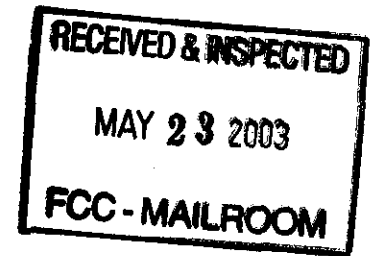
**Attachment A
PCR 01-025
Component Pricing**

2	13	14	15	16	17	18	19												20	21	22	23	24	25	
School Name	Total Prices Per Item																								
Eate Eligible?	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N		
	Estimated Data Drops	Estimated Phone Drops	Racks	Data Patch Panels	Phone Patch Panels	Phone Panduit Panels	RJ45 Gray	RJ45 Blue	RJ45 Yellow	Power Strips	Vert. Cable Guide	ST-SC	ST-MTRJ	SC-MTRJ	Horz. Cable Guide	Screws	Single Mode Pch Cable	Fiber Runs	APC SU3000NET UPS WNIC	IBM 8265 17S	3COM 3300 Etr Switch	Installation Hours	UPS 30Amp Dedicated Circuits	Total Price	
New Schools																									
CORDOVA AREA ELEMENTARY	\$171,216.00	\$19,680.00	\$3,016.00	\$6,080.00	\$852.00	\$700.00	\$1,516.00	\$720.00	\$90.00	\$106.00	\$38.00	\$432.00	\$304.00	\$304.00	\$252.00	\$18.00	\$126.00	\$25,168.00	\$4,524.00	\$47,024.00	\$37,712.00	\$4,520.00	\$2,988.00	\$327,488.00	
DOWNTOWN ELEMENTARY	\$179,580.00	\$19,680.00	\$3,016.00	\$6,080.00	\$852.00	\$700.00	\$1,620.00	\$720.00	\$90.00	\$106.00	\$38.00	\$432.00	\$304.00	\$304.00	\$252.00	\$18.00	\$126.00	\$25,168.00	\$4,524.00	\$47,024.00	\$37,712.00	\$4,520.00	\$2,988.00	\$335,954.00	
FRAYSER AREA ELEMENTARY	\$171,216.00	\$19,680.00	\$3,016.00	\$6,080.00	\$852.00	\$700.00	\$1,516.00	\$720.00	\$90.00	\$106.00	\$38.00	\$432.00	\$304.00	\$304.00	\$252.00	\$18.00	\$126.00	\$25,168.00	\$4,524.00	\$47,024.00	\$37,712.00	\$4,520.00	\$2,988.00	\$327,488.00	
PARKWAY VILLAGE AREA MIDDLE	\$194,832.00	\$29,520.00	\$5,278.00	\$6,840.00	\$1,428.00	\$840.00	\$1,782.00	\$864.00	\$90.00	\$108.00	\$38.00	\$864.00	\$608.00	\$152.00	\$210.00	\$18.00	\$126.00	\$62,920.00	\$11,310.00	\$47,024.00	\$47,140.00	\$6,780.00	\$7,470.00	\$426,240.00	
WHITEHAVEN AREA MIDDLE	\$227,304.00	\$29,520.00	\$6,786.00	\$7,800.00	\$1,428.00	\$980.00	\$2,034.00	\$1,008.00	\$90.00	\$108.00	\$38.00	\$972.00	\$684.00	\$114.00	\$168.00	\$18.00	\$126.00	\$68,088.00	\$15,834.00	\$47,024.00	\$49,497.00	\$7,910.00	\$10,458.00	\$497,787.00	
Additional Drops in Last Years New & Renovated																									
ALB HILL ELEMENTARY	\$9,840.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$120.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.00	\$38.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,357.00	\$226.00	\$0.00	\$13,446.00
CRAIGMONT MIDDLE	\$36,868.00	\$0.00	\$0.00	\$1,520.00	\$0.00	\$0.00	\$474.00	\$0.00	\$0.00	\$0.00	\$0.00	\$218.00	\$152.00	\$0.00	\$84.00	\$18.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,428.00	\$904.00	\$0.00	\$51,864.00
FOX MEADOWS ELEMENTARY	\$29,028.00	\$0.00	\$0.00	\$1,520.00	\$0.00	\$0.00	\$364.00	\$0.00	\$0.00	\$0.00	\$0.00	\$162.00	\$114.00	\$0.00	\$84.00	\$18.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,071.00	\$678.00	\$0.00	\$39,029.00
GETWELL ELEMENTARY	\$11,316.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$138.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.00	\$38.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,357.00	\$226.00	\$0.00	\$14,848.00
HICKORY RIDGE ELEMENTARY	\$13,284.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$182.00	\$0.00	\$0.00	\$0.00	\$0.00	\$108.00	\$76.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,714.00	\$452.00	\$0.00	\$19,687.00
HICKORY RIDGE MIDDLE	\$20,884.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$282.00	\$0.00	\$0.00	\$0.00	\$0.00	\$108.00	\$76.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,714.00	\$452.00	\$0.00	\$27,077.00
HOLMES ELEMENTARY	\$9,840.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$120.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.00	\$38.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,357.00	\$226.00	\$0.00	\$13,446.00
LINCOLN ELEMENTARY	\$4,428.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$54.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.00	\$38.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,357.00	\$226.00	\$0.00	\$7,968.00
OAKHAVEN ELEMENTARY	\$4,920.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$60.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.00	\$38.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,357.00	\$226.00	\$0.00	\$8,466.00
RALEIGH EGYPT MIDDLE	\$3,444.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$42.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.00	\$38.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,357.00	\$226.00	\$0.00	\$6,972.00
RIDGEWAY MIDDLE	\$28,078.00	\$0.00	\$0.00	\$1,520.00	\$0.00	\$0.00	\$318.00	\$0.00	\$0.00	\$0.00	\$0.00	\$182.00	\$114.00	\$0.00	\$84.00	\$18.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,071.00	\$678.00	\$0.00	\$36,041.00
ROBERT CHURCH ELEMENTARY	\$3,938.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$48.00	\$0.00	\$0.00	\$0.00	\$0.00	\$54.00	\$38.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,357.00	\$226.00	\$0.00	\$7,470.00
WYNRIDGE ELEMENTARY	\$14,780.00	\$0.00	\$0.00	\$760.00	\$0.00	\$0.00	\$180.00	\$0.00	\$0.00	\$0.00	\$0.00	\$108.00	\$76.00	\$0.00	\$42.00	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,714.00	\$452.00	\$0.00	\$21,101.00
Existing School Renovations																									
MITCHELL HIGH SCHOOL- AUDITORIUM ADDITION	\$17,220.00	\$2,460.00	\$754.00	\$760.00	\$476.00	\$140.00	\$210.00	\$30.00	\$0.00	\$53.00	\$38.00	\$108.00	\$76.00	\$0.00	\$0.00	\$9.00	\$0.00	\$12,584.00	\$2,262.00	\$0.00	\$4,714.00	\$904.00	\$1,494.00	\$44,292.00	
FAIRLEY HIGH SCHOOL	\$44,280.00	\$2,460.00	\$754.00	\$1,520.00	\$476.00	\$140.00	\$540.00	\$30.00	\$0.00	\$53.00	\$38.00	\$216.00	\$152.00	\$0.00	\$42.00	\$9.00	\$0.00	\$12,584.00	\$2,262.00	\$0.00	\$9,428.00	\$1,366.00	\$1,494.00	\$77,834.00	
						</																			

Attachment A
PCR 01-025
Component Pricing

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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**Project Change Request
PCR 01-026**



Server Upgrades

**prepared for
Memphis City Schools
January 14 , 2002**

IBM Global Services



Attachment 14

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1.0 Executive Summary

The Memphis City Schools (MCS) Network Infrastructure Project provides growth and enhancements to the MCS Network to meet the technology demands of a growing district.

The objective of this change order is to provide MCS with new technology servers to up-grade existing servers and provide network connectivity to classrooms and libraries.

IBM will manage the project by procuring the server hardware/software and installing the systems for each school. System configurations including software have been determined based upon availability at this time. Actual configurations may vary as available technology changes.

Completion of the Server Up-grade Project is planned for the period of July 1, 2002 through June 30, 2003.

2.0 Statement of Work

This section defines the scope of service that will be provided by IBM under the terms and conditions of the *IBM Customer Agreement (Agreement)*. The tasks to be performed by IBM are defined and an estimated schedule is provided. In addition, the responsibilities of the Memphis City District (MCS) are listed in: "MCS Responsibilities".

The investigation and the implementation of changes may result in modifications to the Estimated Schedule, Charges, and/or other terms of the *Agreement*.

Changes to this Statement of Work will be processed in accordance with the procedure described in: "Project Change Control Procedure".

2.1 Key Assumptions

This Statement of Work and IBM's estimates to perform the Statement of Work are based on the following key assumptions

1. All work will be performed during normal IBM business hours, Monday through Friday, 8:00 AM to 5:00 PM, except IBM holidays, unless mutually agreed upon.
2. All tasks will be performed over a consecutive time frame unless otherwise agreed to by the customer and IBM.
3. All Apple supplied equipment will be procured via a billing accommodation agreement with the following terms and conditions:
 - a) IBM is not an agent of MCS for any purpose and owes MCS no fiduciary duty related to the selection of Products or Services for the Project or otherwise.
 - b) IBM will not be liable for any dispute that may arise between MCS and its vendors. Further, except to the extent IBM's Statement of Limited Warranty imposes warranty obligations on IBM for IBM Products, MCS agrees to indemnify and hold IBM harmless from any damages or liabilities relating to the transaction between MCS and its vendors.
 - c) IBM's entire liability and MCS's exclusive remedy under this transaction is limited to payments made by MCS during the term of the transaction or \$10,000, whichever is the lesser amount. Any actions arising hereunder must be brought within two years of their occurrence.
 - d) Under no circumstances is IBM liable for any of the following:

- e) third-party claims against MCS for losses or damages;
- f) loss of, or damage to, MCS records or data; or
- g) economic consequential damages (including lost profits or savings) or incidental damages, even if IBM is informed of their possibility.
- h) IBM will forward MCS's order, based upon MCS's selection of the vendor.
- i) IBM will provide a billing administrative service to MCS which will entail receiving bills from vendors for submission to MCS. MCS will have an agreement in place with its vendors sufficient to require them to continue to submit all invoices for MCS to their address with a copy to IBM. Vendor invoices must include MCS's purchase order number.
- j) IBM will administer payment of such bills by immediately, upon receipt of vendor's invoices, rebilling MCS the amount to be paid plus any IBM administrative charges set forth
- k) Upon receipt of full payment by MCS, IBM will remit the appropriate amount to vendors. IBM does not guarantee payment by MCS to its vendors. Payment to vendors is contingent upon collection and clearance of payment to IBM from MCS.
- l) MCS agrees that IBM is acting solely as its billing administrator, and IBM had no involvement in the prices and terms and conditions negotiated between MCS and its vendors for the transactions.
- m) MCS and its vendors are solely responsible for the proper calculation of sales and use taxes, and the remittance of taxes to the proper taxing authorities. Any taxes must be specifically identified in any invoice for MCS that is submitted to IBM. *IBM recognizes MCS as being a tax exempt institution*

2.2 IBM Responsibilities

2.2.1 Instructional and Library Server Refresh

Task Description: The objective of this task is to provide MCS with new technology servers to refresh existing servers. IBM will procure the server hardware/software and install the systems for each school. System configurations including software have been determined based upon availability at this time. Actual configurations may vary as available technology changes.

The following subtasks will be performed:

1. Procurement, delivery and installation of IBM xSeries 232 Servers in schools with IBM servers as part of their instructional LANs and access to the network infrastructure.
2. Procurement, delivery and installation of MAC PowerPC G4 Servers in schools with MAC servers as part of their instructional LANs and access to the network infrastructure.
3. Procurement, delivery and installation of IBM xSeries 232 Servers as library support servers connecting library terminals and workstations to the network infrastructure.

Completion Criteria: This task is complete for each location upon the completed installation of each server.

Deliverables: Updates included in Status Reports.

2.3 MCS Responsibilities

The responsibilities listed in this section are in addition to those responsibilities specified in the *Agreement* and are to be provided at no charge to IBM. IBM's performance is predicated upon the following responsibilities being fulfilled by MCS

2.3.1 MCS Project Manager

Prior to the start of this Statement of Work under the Agreement, MCS will designate a person, called the MCS Project Manager, to whom all IBM communications will be addressed and who has the authority to act for MCS in all aspects of the contract.

The responsibilities of the MCS Project Manager include:

1. Serving as the interface between the IBM project team and all MCS departments participating in this project.
2. Administering Project Change Control, with the IBM Project Manager, in accordance with the Project Change Control Procedure.
3. Attendance at project status meetings.
4. Providing timely information, data, decisions, approvals, and resolve project issues within the MCS organization, as necessary.
5. Resolution of deviations from project plans which may be caused by MCS.
6. Providing appropriate personnel to support user related project tasks such as MCS systems administration, application support, end user requirements, and all MCS systems interfaces.

2.3.2 Site Preparation

1. MCS will provide site preparation to enable the Servers to effectively function in this environment.
2. MCS will provide all furniture, fixtures, room accommodations, and network connectivity.
3. MCS is responsible for the removal and disposal of any existing Servers.

2.4 Security, Laws, Regulations, and Statutes,

MCS is responsible for the actual content of any data file, selection and implementation of controls on its access and use, and security of the stored data.

MCS is responsible for the identification and interpretation of any applicable laws, regulations, and statutes that affect MCS application systems or programs which IBM will have access to during this project.

It is the responsibility of MCS to assure that the resulting systems and programs meet the requirements of those laws.

2.5 Deliverable Materials

The following items will be delivered to MCS under this Statement of Work.

2.5.1 Type I Materials

None

2.5.2 Type II Materials

- Updates included in Status Reports
- Completed MCS Computer Equipment Delivery Report (CEDR)

2.6 Completion Criteria

IBM shall have fulfilled its obligations under this Statement of Work when any one (1) of the following first occurs:

- IBM accomplishes the IBM tasks described in "IBM Responsibilities," including delivery to MCS of the materials listed in "Deliverable Materials".
- MCS or IBM terminates the Project in accordance with the provisions of the *Agreement*.

2.7 Project Change Control Procedures

The following provides a detailed process to follow if a change to this Statement of Work (SOW) is required.

- A Project Change Request (PCR) will be the vehicle for communicating change. The PCR must describe the change, the rationale for the change and the effect the change will have on the project.
- The designated Project Manager of the requesting party will review the proposed change and determine whether to submit the request to the other party.
- Both Project Managers will review the proposed change and approve it for further investigation or reject it. IBM will specify any charges for such investigation. If the investigation is authorized, the Project Managers will sign the PCR, which will constitute approval for the investigation charges. IBM will invoice MCS for any such charges. The investigation will determine the effect that the implementation of the PCR will have on price, schedule and other terms and conditions of the *Agreement*.



2.8 Estimated Schedule

The estimated schedule is:

Estimated Start Date: July 01, 2002

Estimated End Date: June 30, 2003

2.9 Charges

The estimated total charges for IBM products and services are: **\$ 2,032,065.00**

- MCS will be invoiced monthly for the actual quantity of products and services provided within each monthly period.
- Specific machine configuration data is listed in "Attachment A"
- Charges for the specific IBM products and services are listed in "Attachment B".
- These invoices are payable upon receipt.



3.0 IBM Change Authorization for Project Support Services

Each of us agrees to modify the referenced Statement of Work and any applicable terms as follows:

The objective of this Change Order is to provide MCS with new technology servers to refresh existing servers. IBM will procure the server hardware/software and install the systems for each school.

System configurations including software have been determined based upon availability at this time. Actual configurations may vary as available technology changes.

Estimated Total Charges: **\$ 2,032,065.00**

Specific machine configuration data is listed in "Attachment A"

Charges for the specific IBM products and services are listed in "Attachment B".

IBM and Memphis City Schools mutually agree that final approval of this project is subject to the approval of the Memphis City Schools Board of Education and the availability of Universal Services Funds (E-rate). If funding or approval is not committed, no products or services will be delivered and this Change Authorization is void. If partial funding is committed, the levels of products and services will be adjusted accordingly.

We agree to provide the Services described in this Project Change Request/Authorization provided you accept this Project Change Request/Authorization, without modification, by signing in the space below on or before February 16, 2002.

Each of us agrees that the complete agreement between us about these Services consists of 1) this Change Authorization, 2) the referenced Statement of Work, and 3) the IBM Customer Agreement or IBM Agreement for Services, as applicable (or any equivalent agreement signed by both of us).

Agreed to: **Memphis City Schools**

By:

Nancy Richie

Authorized Signature

Name (type or print) *Nancy Richie*

Date *1/16/02*

Customer Number: **5683003**

Customer Address: **2597 Avery Avenue
Memphis, TN 38112**

Project Name or Identifier: **Technology Business
Management Contract**

Agreed to: **International Business Machines
Corporation Armonk, New York 10504**

By:

J M STEEN

Authorized Signature

Name (type or print) *J M STEEN*

Date: *1-16-02*

Reference Agreement Number: **5J21301**

Reference Statement of Work number: **CFTD7WG**

Change Authorization Number: **PCR 01-026**

IBM Office Number: **NFK**

IBM Office Address: **6410 Poplar Ave. Suite 800
Memphis, TN 38119**

William H. Kizer *1/15/2002*



Attachment A

IBM Server Configuration

IBM eServer x232 - PIII 1.26ghz w/512k L2 cache, 256MB RAM, 10/100 ethernet on system board,
1.26ghz second processor option
IBM 128GB memory modules (2)
IBM 4Lx RAID controller, single channel, 32MB cache, 66mhz card
IBM 36.4gb 10K RPM hot swap disk drives (3)
20/40GB DDS4 Internal tape drive
IBM Redundant hot swap power supply for x232 - 250 watt
IBM E54 Black monitor- 15"/13.8" viewable
3YR 9x5 NBD On-Site Warranty Upgrade Monitor
Microsoft Windows 2000 Server - Server License with 20 Clients
Norton Ghost 6.5 Station/Server License
Norton Anti-Virus Corporate Edition 7.5 Upgrade
Norton Anti-Virus Corporate Edition 7.5 2nd year
Tape Backup ARCserveIT Workgroup Edition 6.61 for 2000
Tape Backup ARCserveIT Recovery Option for 2000
Tape Backup ARCserveIT Open License Solutions Kit
CAT6 Patch Cable Assy MOD24-4PR Stranded
UPS SU1400BX120 with AP9606 Ethernet

Apple Server Configuration

Macintosh Server G4 800MHz DP/256SDRAM/80G/CD-RW/GigEnet/OS X Server
AppleCare 3 yrs for Power Mac with Display - Auto
Mitsubishi Diamond Plus 73 Monitor (17"CRT/16"VIS)
Iomega USB 250 Zip Drive
Iomega Zip Cartridge 250MB (4-pack) Mac Format
Ecix FW Tape Backup Drive
CAT6 Patch Cable Assy MOD24-4PR Stranded
UPS SU1400BX120 with AP9606 Ethernet



Attachment B

Attach school listing spreadsheets

Server Upgrades
PCR 01-026

Name	Entity	Erate Discount	Library Server	Instructional Server	Erate					Non-Erate				
					Hardware	Software	Installation	UPS	Warranty	Total	Software	Warranty	Total	Total Project
A.B.HILL ELEMENTARY	42175	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
ALCY ELEMENTARY	42256	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
ALTON ELEMENTARY	42182	90%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
B.T. WASHINGTON HIGH	42338	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
BALMORAL ELEMENTARY	42326	80%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
BETHEL GROVE ELEM	42254	90%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
CARVER HIGH SCHOOL	42209	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
CHICKASAW JUNIOR HIGH	42216	90%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
CO. DONALD MIDDLE	42289	80%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
CORDOVA SCHOOL	42080	40%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
CRANFORD JR. SR. HIGH	42367	50%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
CUMMINGS ELEMENTARY	42171	90%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
CYPRESS JUNIOR HIGH	42202	90%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
DOUGLASS ELEMENTARY	42200	90%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
FAIRLEY HIGH SCHOOL	42230	80%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
FAIRVIEW JUNIOR HIGH	42162	90%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
FORD ROAD ELEMENTARY	42215	90%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
FRATERS HIGH SCHOOL	42376	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
GEORGIA AVENUE ELEM	42357	90%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
GEORGIAN HILLS JR. HIGH	42384	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
GORRUM ELEMENTARY	42197	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
GUTHRIE ELEMENTARY	42190	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
HAMILTON HIGH SCHOOL	42181	80%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
HAWKINS HILL ELEM	42362	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
HILLCREST HIGH SCHOOL	42282	80%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
HUMES JUNIOR HIGH	42196	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
KANSAS VOC. TECH	42174	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
KINGSBURY VOC. TECH	42340	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
KILNODKE ELEMENTARY	42192	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
LAROSE ELEMENTARY	42389	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
LAUDERDALE ELEMENTARY	42360	90%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
LEVI ELEMENTARY	42208	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
LONGVIEW MIDDLE	42183	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
MACON ELEMENTARY	42341	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
MANASSAS HIGH SCHOOL	42189	90%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
MIDDLE COLLEGE HIGH	42151	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
NORTHDALE HIGH SCHOOL	42194	90%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
OAKHAVEN ELEMENTARY	42310	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
OAKHAVEN HIGH SCHOOL	42302	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
OVERTON HIGH SCHOOL	42302	60%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
PAINESHAVEN ELEM	42219	80%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
PALEIGH EGYPT HIGH	42384	80%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
PALEIGH EGYPT MIDDLE	42382	80%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
PALEIGH-BARTLETT MEADOWS	42389	80%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
RIDGEWAY HIGH	42326	40%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00
ROZELLE ELEMENTARY	42248	90%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
SHADY GROVE ELEM	42334	80%	IBM	IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00
SHERWOOD MIDDLE	42240	90%	IBM	IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,738.00	\$54.00	\$86.00	\$140.00	\$20,878.00

Server Upgrades
PCR 01-026

Name	Entity	Rate	Discount	Library	Server	Instructional	Erate					Non-Erate				Total Project	SLD	MCS
							Hardware	Software	Installation	UPS	Warranty	Total	Software	Warranty	Total			
SNOWDEN SCHOOL	42427	80%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
SOUTH SIDE HIGH SCHOOL	42180	80%		IBM		IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,788.00	\$54.00	\$66.00	\$140.00	\$20,872.00	\$16,590.40	\$4,281.60
SOUTHWEST VOC-TECH	42232	90%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$9,332.10	\$1,106.90
TREAWELL HIGH SCHOOL	42344	80%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
TREZEVANT HIGH SCHOOL	42374	80%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
TREZEVANT VOC-TECH	42373	90%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$9,332.10	\$1,106.90
VANCE MIDDLE SCHOOL	42354	90%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$9,332.10	\$1,106.90
WESTSIDE HIGH SCHOOL	42371	80%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
WESTWOOD ELEMENTARY	42222	90%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$9,332.10	\$1,106.90
WESTWOOD HIGH SCHOOL	42221	90%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$9,332.10	\$1,106.90
WHITE STATION ELEM	42290	80%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
WHITE STATION HIGH	42291	40%		IBM		IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,788.00	\$54.00	\$66.00	\$140.00	\$20,872.00	\$16,590.40	\$4,281.60
WHITE STATION MIDDLE	42331	50%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
WHITEHAVEN ELEMENTARY	42277	80%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
WHITEHAVEN HIGH	42276	60%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
WINCHESTER ELEMENTARY	42265	90%		IBM		IBM	\$13,868.00	\$3,072.00	\$2,042.00	\$1,714.00	\$42.00	\$20,788.00	\$54.00	\$66.00	\$140.00	\$20,872.00	\$16,590.40	\$4,281.60
WOODDALE HIGH SCHOOL	42314	80%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
GEARHUNT MIDDLE	221468	80%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
GERMANSHIRE ELEMENTARY	221470	80%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
HICKORY RIDGE MIDDLE	221472	80%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
HICKORY RIDGE ELEMENTARY	221473	90%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
GETWELL ELEMENTARY	221478	90%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
RIDGEWAY MIDDLE	221479	50%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
RIDGEWAY ELEMENTARY	221480	80%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
HOLMES ELEMENTARY	221481	90%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
ROBERT CHURCH ELEMENTARY	221482	80%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
WINDIDGE ELEMENTARY	221482	80%		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
NEW SCHOOL CONSTRUCTION (07-01) CONDOVA	224326	0.79		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
NEW SCHOOL CONSTRUCTION (07-01) DOWNTON	224328	0.79		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
NEW SCHOOL CONSTRUCTION (10-02) PARKWAY	224329	0.79		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
NEW SCHOOL CONSTRUCTION (07-01) WHITEHAVEN	224340	0.79		IBM		IBM	\$6,934.00	\$1,536.00	\$1,021.00	\$857.00	\$21.00	\$10,389.00	\$27.00	\$43.00	\$70.00	\$10,439.00	\$8,296.20	\$2,143.80
ALWAYS MIDDLE SCHOOL	42257	90%		APPLE		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
AVON LENOX SCHOOL	42280	90%		APPLE		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
BELLVIEW JUNIOR HIGH	42158	80%		APPLE		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
BENCLAR ELEMENTARY	42349	90%		APPLE		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
BROOKMEADE ELEM	42387	90%		APPLE		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
BROWNVILLE ROAD ELEM	42408	80%		APPLE		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
BRUCE ELEMENTARY	42159	90%		APPLE		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
CADWELL ELEMENTARY	42181	90%		APPLE		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
CAMPUS ELEMENTARY	42425	50%		APPLE		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
CARRIES ELEMENTARY	42167	90%		IBM		IBM	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
CENTRAL HIGH SCHOOL	42154	60%		IBM		IBM	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
CHARLEMAN ELEMENTARY	42353	90%		APPLE		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
CHESTER ELEMENTARY	42253	80%		APPLE		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
COLEMAN ELEMENTARY	42386	90%		APPLE		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
CORNING ELEMENTARY	42365	90%		IBM		IBM	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
CORR LANE ELEMENTARY	42226	90%		IBM		IBM	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
CORRY MIDDLE SCHOOL	42186	90%		APPLE		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
CROWWELL ELEMENTARY	42317	90%		APPLE		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50

Server Upgrades
PCR 01-026

Name	Entity	Rate Discount	Library Server	Instructional Server	Hardware	Software	E-rate				Non-E-rate				S/LD	MCS
							Installation	UPS	Warranty	Total	Software	Warranty	Total	Total Project		
GRUMP ELEMENTARY	42423	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$4,876.00	\$1,352.00
DELANO ELEMENTARY	42379	40%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$2,438.00	\$3,790.00
DENVER ELEMENTARY	42369	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
DOUBLE TREE ELEMENTARY	42220	80%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$13,171.20	\$3,495.80
DUNBAR AVENUE ELEM	42250	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
ELAN AVENUE ELEM	42184	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
EAST HIGH SCHOOL	42234	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$4,876.00	\$1,352.00
EGYPT ELEMENTARY	42383	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$5,485.50	\$7,42.50
EVANS ELEMENTARY	42305	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$5,485.50	\$7,42.50
FAIRLEY E. ELEMENTARY	42229	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
FLORIDA KANSAS ELEMENTARY	42212	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$5,485.50	\$7,42.50
FOX MEADOWS ELEMENTARY	42258	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$5,485.50	\$7,42.50
FRAYER ELEMENTARY	42375	90%	IBM	APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$13,171.20	\$3,495.80
GARDENVIEW ELEMENTARY	42268	80%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
GETTER MIDDLE SCHOOL	42224	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$5,485.50	\$7,42.50
GEORGIAN HILLS ELEM	42363	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$5,485.50	\$7,42.50
GOODETT ELEMENTARY	42307	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$4,876.00	\$1,849.40
GRACELAND ELEMENTARY	42266	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$3,657.00	\$2,571.00
GRANHAMWOOD ELEM	42347	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$4,876.00	\$1,849.40
GRANDVIEW ELEM SCHOOL	42378	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
GRAVES E. ELEMENTARY	42263	80%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$13,171.20	\$3,495.80
HAMILTON ELEMENTARY	42179	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$5,485.50	\$7,42.50
HAMILTON MIDDLE	42177	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$5,485.50	\$7,42.50
HANLEY ELEMENTARY	42249	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
HAYENVIEW JUNIOR HIGH	42223	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$5,485.50	\$7,42.50
HOLLYWOOD ELEMENTARY	42203	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$5,485.50	\$7,42.50
IDA B. WELLS ACADEMY	185789	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$4,876.00	\$1,849.40
IDLEWILD ELEMENTARY	42156	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$4,876.00	\$1,849.40
JACKSON ELEMENTARY	42201	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
JOHN P. FREEMAN ELEM	42231	50%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$3,047.50	\$3,180.50
KEystone ELEMENTARY	42361	60%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$3,657.00	\$2,571.00
KINGSBURY ELEMENTARY	42206	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$5,485.50	\$7,42.50
KINGSBURY SENIOR HIGH	42339	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$3,047.50	\$3,180.50
KIRBY HIGH SCHOOL	42260	50%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$4,876.00	\$1,849.40
KIRBY MIDDLE SCHOOL	42261	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$5,485.50	\$7,42.50
KNIGHT ROAD ELEMENTARY	42313	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$5,485.50	\$7,42.50
LAKEVIEW ELEMENTARY	42228	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
LANIER JUNIOR HIGH	42269	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
LESTER ELEMENTARY	42246	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$5,485.50	\$7,42.50
LINCOLN ELEMENTARY	42376	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$5,485.50	\$7,42.50
LOCKE ELEMENTARY	42356	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$5,485.50	\$7,42.50
MAGNOLIA ELEMENTARY	42282	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
MANOR LAKE ELEMENTARY	42227	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
MET ROSE HIGH SCHOOL	42251	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$4,876.00	\$1,849.40
MITCHELL HIGH SCHOOL	42216	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$4,876.00	\$1,849.40
NEWEERRY ELEMENTARY	42259	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$4,876.00	\$1,849.40
NORRIS ELEMENTARY	42187	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
OAK FOREST ELEMENTARY	42330	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$193.00	\$193.00	\$6,228.00	\$3,657.00	\$2,571.00

Server Upgrades
PCR 01-026

Name	Entity	Erate Discount	Library Server	Instructional Server	Erate					Non-Erate						
					Hardware	Software	Installation	UPS	Warranty	Total	Software	Warranty	Total	Total Project	SLD	MCS
OAKSHIRE ELEMENTARY	42279	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
OAKSHIRE ELEMENTARY	42176	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
ORLEANS ELEMENTARY	42163	80%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$13,171.20	\$3,495.80
PEABODY ELEMENTARY	42166	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
PYRAMID ACADEMY	42332	50%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$3,047.50	\$3,180.50
RICHLAND ELEMENTARY	42325	60%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$3,657.00	\$2,571.00
RIDGEWAY ELEMENTARY	42210	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
RIVERVIEW ELEMENTARY	42211	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
RIVERVIEW MIDDLE	42424	60%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$3,657.00	\$2,571.00
ROSS ELEMENTARY	42389	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$13,171.20	\$3,495.80
SCENIC HILLS ELEMENTARY	42300	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$4,876.00	\$1,352.00
SEA ISLE ELEMENTARY	42198	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
SHANNON ELEMENTARY	42239	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
SHARPE ELEMENTARY	42311	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
SHEFFIELD ELEMENTARY	42308	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$4,876.00	\$1,352.00
SHEFFIELD HIGH SCHOOL	42312	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$4,876.00	\$1,352.00
SHEFFIELD VOC. TECH	42302	60%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$3,657.00	\$2,571.00
SHELBY OAKS ELEM	42241	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
SHERWOOD ELEMENTARY	42310	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
SHRINE SCHOOL	42242	60%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
SOUTH PARK ELEMENTARY	42380	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
SPRING HILL ELEMENTARY	42205	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
SPRINGDALE ELEMENTARY	42172	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
STAFFORD ELEMENTARY	42343	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$4,876.00	\$1,352.00
TREADWELL ELEMENTARY	42195	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
VOLLENTE ELEMENTARY	42214	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
WALKER ELEMENTARY	42207	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
WELLS STATION ELEM	42225	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
WESTHAVEN ELEMENTARY	42370	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
WESTSIDE ELEMENTARY	42317	90%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$14,817.60	\$1,849.40
WHITES CHAPEL ELEM	42377	90%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
WHITNEY ELEMENTARY	42301	60%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$3,657.00	\$2,571.00
WILLOW OAKS ELEM	42315	80%	IBM	APPLE	\$11,402.00	\$1,536.00	\$1,725.00	\$1,714.00	\$87.00	\$16,464.00	\$27.00	\$176.00	\$203.00	\$16,667.00	\$13,171.20	\$3,495.80
WOODDALE MIDDLE	42315	80%		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$5,485.50	\$742.50
NEW SCHOOL CONSTRUCTION (10-02 FRAYSER)	224462	0.79		APPLE	\$4,468.00	\$0.00	\$704.00	\$857.00	\$66.00	\$6,095.00	\$0.00	\$133.00	\$133.00	\$6,228.00	\$1,664,726.69	\$587,238.31
					\$1,382,690.00	\$207,260.00	\$208,238.00	\$201,395.00	\$9,435.00	\$2,000,315.00	\$3,645.00	\$19,105.00	\$22,750.00	\$2,032,065.00		